

Notice of Allowability

Application No.

09/832,966

Examiner

Dennis G. Bonshock

Applicant(s)

AMADIO ET AL.

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2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's Amendment filed on 9-14-2006 and subsequent Examiner's Amendment of 11-15-06.

2. ☒ The allowed claim(s) is/are 20, 40-49, 54 and 59-64.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____

RAYMOND J. BAYERL
PRIMARY EXAMINER
ART UNIT 2173

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Gary D. Fedorochko on 11-15-2006.

Please replace claim 49 with the following, which is a concatenation of Independent claim 49 and dependent claim 51:

- 49. (currently amended) In an operating system, a method of displaying a plurality of files, comprising:

assigning by the operating system a first memory location for storing a value of a first enumerated property, associated with a first file of a first file type;

storing in the first memory location a value corresponding to the first enumerated property for the first file;

assigning by the operating system a second memory location for storing a value of a second enumerated property, associated with a second file of a second file type, wherein said second file type is different from a first file type, and wherein the second enumerated property associated with the second file type is different from the first enumerated property associated with the first file type;

storing in the second memory location a value corresponding to the second enumerated property for the second file;

retrieving the value corresponding to the first enumerated property for the first file from the first memory location and the value corresponding to the second enumerated property for the second file from the second memory location;

displaying a graphical representation of the first file concurrently with a graphical representation of the second file, wherein data corresponding to the first enumerated property for the first file is displayed at a location relative to the graphical representation of the first file, and wherein data corresponding to the second enumerated property for the second file is displayed at the same relative to the graphical representation of the second file;

wherein at least one of the first enumerated property and the second enumerated property are not user-assignable properties.

Please replace claim 54 with the following, which is a concatenation of Independent claim 54 and dependent claim 56 correcting the minor typographical error “in on” in line 2, which is hereby replaced with -- on --:

- 54 (currently amended) One or more computer readable media comprising computer executable instructions which, when executed on a computer system, perform a method for displaying a plurality of files, the method comprising the steps of:

assigning by the operating system a first memory location for storing a value of a first enumerated property, associated with a first file of a first file type;

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storing in the first memory location a value corresponding to the first enumerated property for the first file;

assigning by the operating system a second memory location for storing a value of a second enumerated property, associated with a second file of a second file type, wherein said second file type is different from a first file type, and wherein the second enumerated property associated with the second file type is different from the first enumerated property associated with the first file type;

storing in the second memory location a value corresponding to the second enumerated property for the second file;

retrieving the value corresponding to the first enumerated property for the first file from the first memory location and the value corresponding to the second enumerated property for the second file from the second memory location;

displaying a graphical representation of the first file concurrently with a graphical representation of the second file, wherein data corresponding to the first enumerated property for the first file is displayed at a location relative to the graphical representation of the first file, and wherein data corresponding to the second enumerated property for the second file is displayed at the same relative to the graphical representation of the second file;

wherein at least one of the first enumerated property and the second enumerated property are not user-assignable properties.

- ***claims 51 and 56 have further been cancelled***

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

The examiner considered the Applicant's Amendment filed on 9-14-2006, and after updated search, no other prior art of record has taught that which is presented in the amended claims 20, 40-49, 54, and 59-64 (including examiner amended claims 49 and 54).

Therefore, independent claims 20, 44, 49, and 54, are found to be allowable along with the dependent claims 40-43, 45-48, and 59-64,

Independent claims 20, 44, 49, and 54 when considered as a whole, are allowable over the prior art of record. Poole teaches, on pages 81-84 and 131, the use of the Mac Operating System (Mac OS) in displaying a listing of files of a plurality of file types. Pool further teaches, in figure 6-17, a first file being a Microsoft Word type item, and a second item being a Photoshop type item (as is defined by the image next to the Name and the associated Kind label). Poole teaches, on pages 130 and 131, a set of relevant textual properties being stored for each item, in the Name, Kind, Label, Date Modified, Size (and associated assignable Label values), etc. Poole teaches, on pages 130 and 131, associating properties with file types in several different ways. First, the OS allowing for user selection of a textual "Label" to associate with item types differentiating on item form another ("Essential" assigned to the <Fund Raiser> file and the <Quarterly Report rev1> file with "Cool" assigned to the <Shoes> file). Another association is given by associating a Kind to each item (items with the W icon (for Word) are associated with the "Microsoft Word 1x-5x document" Kind and items with the icon

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with the eye (for Photoshop) are associated with the "Photoshop graphic" Kind). Finally an association is given to each item relating to the file type by placing a particular graphical depiction representing the type of file to the left of the file name (placing "a folder icon" adjacent to "Urgent Items", "Active Projects", etc.; and a different icon for each other type, a "page with a W over it" next to a "Microsoft Word Document", etc). It is further noted that with Poole's "Label(s)" the user has the option to customize the particular label to state any thing they desire, in this case for items in the "Active Projects" folder they assigned two "alias" Kind items as "Project 1" (see page 131 and 132). Poole teaches, on pages 130 and 131 specifically figure 6-17, displaying the associated value for a property at a location adjacent to the graphical representation of the file. Pool further has the ability to be able to selectively display the category of properties, or not display the category (see page 81), furthermore some of the properties are not relevant to a particular item (Size is shown to now be relevant to the folder type elements, but relevant for other content items, caret icons are relevant for folders, but not the other content items, etc.) (see page 86).

Poole is supplemented by Winter which teaches a similar system for displaying a list of items of differing properties (specifically a name property) see pages 29 and 32, but further teaches the operating system defining a property value (name) for a file type where it defines a Document number (Document#) for a Word file and a Workbook number (Book#) for a Excel file (see pages 54 and 205), this naming being located directly adjacent to the graphical depiction of the file.

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The teachings of Poole and Winter, however, limit the displaying of values relating to different properties in the same location relative to the item, to user-assignable values; not allowing for values of none-user-assignable properties to be displayed in the same location relative to the item.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis G. Bonshock whose telephone number is (571) 272-4047. The examiner can normally be reached on Monday - Friday, 6:30 a.m. - 4:00 p.m.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

11-16-06

dgb



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